

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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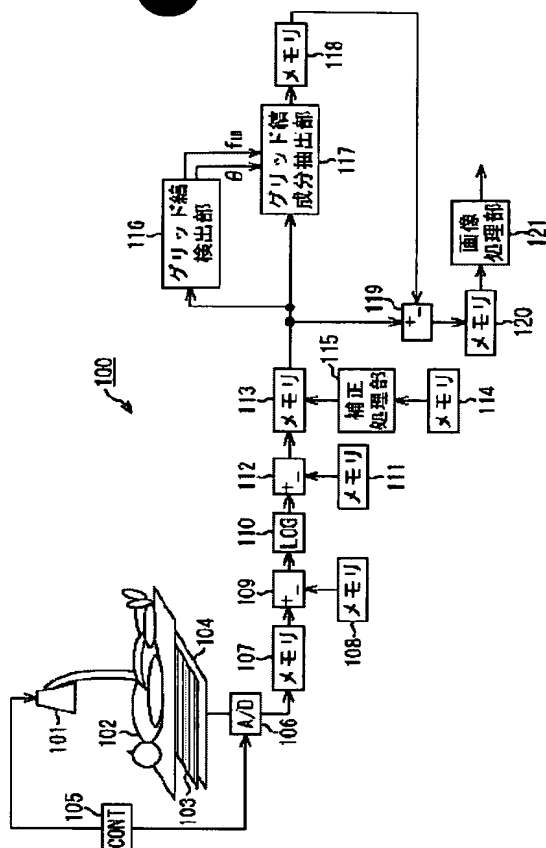
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TITLE : RADIATION IMAGE PROCESSING  
UNIT, IMAGE PROCESSING SYSTEM,  
RADIATION IMAGE PROCESSING  
METHOD, RECORDING MEDIUM, AND  
PROGRAM



ABSTRACT : PROBLEM TO BE SOLVED: To provide a radiation image processing unit that applies pixel defect correction of a linear prediction type to a radiation image including grid pattern information so as to suppress artifacts due to a defective pixel when an image pickup element includes the defective pixel.

SOLUTION: When the radiation image processing unit processes a radiation image obtained by radiography employing a grid 103 to eliminate scattered radiation of a radiant ray emitted onto an object 102, a correction processing section 115 uses normal pixels existing around the defective pixel to apply prediction type correction to the radiation image in order to correct the defective pixel included in the image pickup element to pick up the radiation image.

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